

Begin

Set enable variable.

Run in order the sub-routines
in the POST program starting
from the first one.

Run in order hardware test or initialization commands the sub-routine starting from the first command.
--

```

graph TD
    Start(( )) --> Enable{Enable?}
    Enable --> ...
  
```

YES

Output a particular value to the debug port.

```
graph TD
    Start([Start]) --> Init[Initialize hardware]
    Init --> Test{All hardware  
test or initialization  
commands finished?}
    Test --> |Yes| Main[Main program]
    Test --> |No| Init
```

YES

All sub-routines finished?

YES

End

FIG.1